



N₂GEN[®]

Nitrogen Generators Engineered to meet the needs of your process

The N₂Gen series of PSA Nitrogen Generators are designed to produce a wide range of flow rates at nitrogen purities of 95% up to 99.999%. All units are custom designed and can be packaged with dedicated air compressors for a complete turnkey solution. For larger flow rates or redundancy, duplexing options are available.



The N₂GEN[®] TS

The Tank Mounted Skid Series Nitrogen Generator is a PSA system designed to produce flow rates up to 300 SCFH.

The N₂GEN[®] CS

The Cabinet Skid Series Nitrogen Generator is a PSA system designed to produce flow rates up to 2,394 SCFH.



The N₂GEN[®] S

The Skid Series Nitrogen Generator is a PSA system designed to produce flow rates up to 36,562 SCFH.

* Flow rates dependent on nitrogen purity and pressure specifications.



Generate Nitrogen from Thin Air![®]

FEATURES:

- 24/7 customer support
- Ultra-high quality (AAA) grade CMS
- Every system is pre-tuned, calibrated, tested, and comes with a *Purity & Performance Certification*
- Continuous duty
- *EverPure Technology* ensures N₂ purity consistency
- Indoor/Outdoor installation
- Multilingual software on CPi-PLUS Models
- UL 508A listing
- Nitrogen storage tank included

BENEFITS:

- Generate your own nitrogen on demand
- Reduce nitrogen costs by up to 90%
- Fast payback with ROI average 12-14 months over bulk liquid
- Custom options such as *Purity Certification* and *EverPure™*
- System life expectancy of over 20 years
- No missed deliveries, escalating costs, or contracts to sign
- Fully automatic: production begins when demand downstream is sensed



N₂GEN[®] Nitrogen Generators

HOW IT WORKS

South-Tek's tried, tested and proven *Nitrogen Generation Technology* safely separates the readily available nitrogen from within the air we breathe using CMS. Molecules smaller than N₂ are adsorbed into the CMS, allowing the larger nitrogen molecules to pass through into a storage tank for later process use. Our generators create quality nitrogen immediately ready for any application. By using STS generators, eliminate costly, unsafe, and unnecessary gas alternatives. Contact us today to find out more!

APPLICATIONS

- Aircraft
- Atmosphere Blanketing
- Beverage
- Brazing
- Incubators
- Chemical
- Dry Boxes
- Inertion
- Electronics
- Fertility Labs
- Food Processing and Storage
- Heat Treating
- Laboratory
- Laser Cutting
- LC/MS
- Tire Inflation
- Medical
- Military
- Oil and Gas
- Optics and Instrumentation
- Packaging
- Pharmaceutical
- Water Treatment
- Fire Protection



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Cost Comparison of Nitrogen Gas Resources:



Liquid Bulk Nitrogen
Up to \$1.00+ /CCF



Dewar
Up to \$5.50+ /CCF



High Pressure Bottles
Up to \$25+ /CCF



Nitrogen Generator
Up to \$0.10+ /CCF